

AMENDMENTS TO THE CLAIMS

1-25. (Cancelled)

26. (Currently Amended) A method for performing textured mapping of a target area, the method comprising the steps of:  
providing a user interface that allows a user to select placement of aperiodic tiles on a texture image;  
based on said placement, generating textured tiles; and  
covering said target area in an aperiodic tiling pattern with said textured tiles;  
wherein each of said aperiodic tiles has a periphery shape and wherein said aperiodic tiling pattern is aperiodic relative to a pattern created by periphery shapes of said aperiodic tiles as placed on said target area.

27. (Previously Presented) The method of claim 26, further comprising the step of:  
receiving input that defines said texture image.

28. (Previously Presented) The method of claim 26, wherein said step of covering said target area in said aperiodic tiling pattern with said textured tiles includes the step of:  
placing said textured tiles in an overlapping configuration on said target area.

29-30. (Canceled)

31. (Currently Amended) A computer-readable medium carrying one or more sequences of instructions for performing textured mapping of a target area, wherein execution of the

3 one or more sequences of instructions by one or more processors causes the one or more  
4 processors to perform the steps of:

5 providing a user interface that allows a user to select placement of aperiodic tiles on a  
6 texture image;

7 based on said placement, generating textured tiles; and

8 covering said target area in an aperiodic tiling pattern with said textured tiles;

9 wherein each of said aperiodic tiles has a periphery shape and wherein said aperiodic

10 tiling pattern is aperiodic relative to a pattern created by periphery shapes of said

11 aperiodic tiles as placed on said target area.

32. (Previously Presented) The computer-readable medium of claim 31, wherein said  
execution causes said one or more processors to perform the step of:  
receiving input that defines said texture image.

33. (Previously Presented) The computer-readable medium of claim 31, wherein said step of  
covering said target area in said aperiodic tiling pattern includes the step of:  
placing said textured tiles in an overlapping configuration on said target area.

34-35. (Canceled)